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| Terms             | Documents |
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| thermoco\$ and L1 | 11        |

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L2

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11    L2
L1    alph\$ same galactosida\$ same (bacteri\$ or microb\$ or microorg\$)
649    L1

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**Search Results - Record(s) 1 through 10 of 11 returned.****1. Document ID: US 20020045226 A1**

L2: Entry 1 of 11

File: PGPB

Apr 18, 2002

PGPUB-DOCUMENT-NUMBER: 20020045226

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20020045226 A1

TITLE: Enzymes having alpha-galactosidase activity and methods of use thereof

PUBLICATION-DATE: April 18, 2002

## INVENTOR-INFORMATION:

| NAME           | CITY    | STATE | COUNTRY | RULE-47 |
|----------------|---------|-------|---------|---------|
| Murphy, Dennis | Malvern | PA    | US      |         |
| Reid, John     | Ardmore | PA    | US      |         |

US-CL-CURRENT: 435/128; 435/227, 435/6, 530/387.1, 564/506, 702/19

| Full  | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments | Claims | KWIC | Draw Desc |
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| Image |       |          |       |        |                |      |           |           |             |        |      |           |

**2. Document ID: US 20010003315 A1**

L2: Entry 2 of 11

File: PGPB

Jun 14, 2001

PGPUB-DOCUMENT-NUMBER: 20010003315

PGPUB-FILING-TYPE: new-utility

DOCUMENT-IDENTIFIER: US 20010003315 A1

TITLE: Compositions for fracturing subterranean formations

PUBLICATION-DATE: June 14, 2001

## INVENTOR-INFORMATION:

| NAME                  | CITY               | STATE | COUNTRY | RULE-47 |
|-----------------------|--------------------|-------|---------|---------|
| Kelly, Robert M.      | Cary               | NC    | US      |         |
| Khan, Saad A.         | Raleigh            | NC    | US      |         |
| Leduc, Pascal         | Raleigh            | NC    | US      |         |
| Tayal, Akash          | Raleigh            | NC    | US      |         |
| Prud'homme, Robert K. | Princeton Junction | NJ    | US      |         |

US-CL-CURRENT: 166/300; 166/308, 507/201

| Full  | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments | Claims | KWIC | Draw Desc |
|-------|-------|----------|-------|--------|----------------|------|-----------|-----------|-------------|--------|------|-----------|
| Image |       |          |       |        |                |      |           |           |             |        |      |           |

## 3. Document ID: US 6372895 B1

L2: Entry 3 of 11

File: USPT

Apr 16, 2002

US-PAT-NO: 6372895

DOCUMENT-IDENTIFIER: US 6372895 B1

TITLE: Fluorogenic compounds

DATE-ISSUED: April 16, 2002

## INVENTOR-INFORMATION:

NAME

CITY

STATE ZIP CODE COUNTRY

Bentsen; James Gregory

North Saint Paul

MN

Mickelson; Christopher Allen

Saint Paul

MN

Knudson; Orlin Bruce

Vadnais Heights

MN

Lewandowski; Kevin Michael

Inver Grove Heights

MN

US-CL-CURRENT: 536/4.1; 530/300, 530/331, 536/17.2, 536/17.4, 536/18.1, 536/18.4,  
548/100, 548/146, 548/200, 548/202, 548/215, 548/235, 548/300.1, 548/311.7, 548/333.5,  
548/335.1, 549/218, 549/29, 549/30, 549/368, 549/402, 549/70, 549/72

| Full  | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments |
|-------|-------|----------|-------|--------|----------------|------|-----------|-----------|-------------|
| Image |       |          |       |        |                |      |           |           |             |

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## 4. Document ID: US 6333403 B1

L2: Entry 4 of 11

File: USPT

Dec 25, 2001

US-PAT-NO: 6333403

DOCUMENT-IDENTIFIER: US 6333403 B1

TITLE: Chromosome 17p-linked prostate cancer susceptibility gene and a paralog and orthologous genes

DATE-ISSUED: December 25, 2001

## INVENTOR-INFORMATION:

NAME

CITY

STATE ZIP CODE COUNTRY

Tavtigian; Sean V.

Salt Lake City

UT

Teng; David H. F.

Salt Lake City

UT

Simard; Jacques

St. Augustin de DesMaures

CAX

Rommens; Johanna M.

Toronto

CAX

US-CL-CURRENT: 536/23.5; 435/183, 435/320.1, 435/325, 435/6, 536/23.1, 536/24.31,  
536/24.33

| Full  | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments |
|-------|-------|----------|-------|--------|----------------|------|-----------|-----------|-------------|
| Image |       |          |       |        |                |      |           |           |             |

KIMC Draw Desc

## 5. Document ID: US 6284292 B1

File: USPT

Sep 4, 2001

L2: Entry 5 of 11

US-PAT-NO: 6284292

DOCUMENT-IDENTIFIER: US 6284292 B1

TITLE: Method of isolating proteins

DATE-ISSUED: September 4, 2001

## INVENTOR-INFORMATION:

| NAME               | CITY      | STATE | ZIP CODE | COUNTRY |
|--------------------|-----------|-------|----------|---------|
| Nielsen; Per Munk  | Hillierod |       |          | DKX     |
| Hansen; Ole Regnar | Herlev    |       |          | DKX     |

US-CL-CURRENT: 426/46; 426/44, 426/52, 426/656

| Full  | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments |
|-------|-------|----------|-------|--------|----------------|------|-----------|-----------|-------------|
| Image |       |          |       |        |                |      |           |           |             |

KIMC Draw Desc

☐ 6. Document ID: US 6228983 B1

L2: Entry 6 of 11

File: USPT

May 8, 2001

US-PAT-NO: 6228983

DOCUMENT-IDENTIFIER: US 6228983 B1

TITLE: Human respiratory syncytial virus peptides with antifusogenic and antiviral activities

DATE-ISSUED: May 8, 2001

## INVENTOR-INFORMATION:

| NAME                     | CITY | STATE | ZIP CODE | COUNTRY |
|--------------------------|------|-------|----------|---------|
| Barney; Shawn O'Lin      | Cary | NC    |          |         |
| Lambert; Dennis Michael  | Cary | NC    |          |         |
| Petteway; Stephen Robert | Cary | NC    |          |         |

US-CL-CURRENT: 530/300; 424/186.1, 424/211.1, 530/324, 530/325, 530/326

| Full  | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments |
|-------|-------|----------|-------|--------|----------------|------|-----------|-----------|-------------|
| Image |       |          |       |        |                |      |           |           |             |

KIMC Draw Desc

☐ 7. Document ID: US 6197730 B1

L2: Entry 7 of 11

File: USPT

Mar 6, 2001

US-PAT-NO: 6197730

DOCUMENT-IDENTIFIER: US 6197730 B1

TITLE: Compositions for fracturing subterranean formations

DATE-ISSUED: March 6, 2001

## INVENTOR-INFORMATION:

6/11/02 2:04 PM

| NAME                  | CITY               | STATE | ZIP CODE | COUNTRY |
|-----------------------|--------------------|-------|----------|---------|
| Kelly; Robert M.      | Cary               | NC    |          |         |
| Khan; Saad A.         | Raleigh            | NC    |          |         |
| Leduc; Pascal         | Raleigh            | NC    |          |         |
| Tayal; Akash          | Raleigh            | NC    |          |         |
| Prud'homme; Robert K. | Princeton Junction | NJ    |          |         |

US-CL-CURRENT: 507/211; 507/201, 507/923

| Full  | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments |
|-------|-------|----------|-------|--------|----------------|------|-----------|-----------|-------------|
| Image |       |          |       |        |                |      |           |           |             |

KMIC Draw Desc

☐ 8. Document ID: US 6017536 A

L2: Entry 8 of 11

File: USPT

Jan 25, 2000

US-PAT-NO: 6017536

DOCUMENT-IDENTIFIER: US 6017536 A

TITLE: Simian immunodeficiency virus peptides with antifusogenic and antiviral activities

DATE-ISSUED: January 25, 2000

## INVENTOR-INFORMATION:

| NAME                     | CITY   | STATE | ZIP CODE | COUNTRY |
|--------------------------|--------|-------|----------|---------|
| Barney; Shawn O'Lin      | Cary   | NC    |          |         |
| Lambert; Dennis Michael  | Cary   | NC    |          |         |
| Petteway; Stephen Robert | Cary   | NC    |          |         |
| Langlois; Alphonse J.    | Durham | NC    |          |         |

US-CL-CURRENT: 424/188.1; 424/208.1, 530/300, 530/324, 530/325, 530/326

| Full  | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments |
|-------|-------|----------|-------|--------|----------------|------|-----------|-----------|-------------|
| Image |       |          |       |        |                |      |           |           |             |

KMIC Draw Desc

☐ 9. Document ID: US 5981182 A

L2: Entry 9 of 11

File: USPT

Nov 9, 1999

US-PAT-NO: 5981182

DOCUMENT-IDENTIFIER: US 5981182 A

TITLE: Vector constructs for the selection and identification of open reading frames

DATE-ISSUED: November 9, 1999

## INVENTOR-INFORMATION:

| NAME                    | CITY        | STATE | ZIP CODE | COUNTRY |
|-------------------------|-------------|-------|----------|---------|
| Jacobs, Jr.; William R. | City Island | NY    |          |         |
| Daugelat; Sabine        | Bronx       | NY    |          |         |

US-CL-CURRENT: 435/6; 435/320.1, 435/69.1, 536/23.1

| Full  | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments |
|-------|-------|----------|-------|--------|----------------|------|-----------|-----------|-------------|
| Image |       |          |       |        |                |      |           |           |             |

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10. Document ID: US 5869435 A

L2: Entry 10 of 11

File: USPT

Feb 9, 1999

US-PAT-NO: 5869435

DOCUMENT-IDENTIFIER: US 5869435 A

TITLE: Compositions for fracturing subterranean formations

DATE-ISSUED: February 9, 1999

## INVENTOR-INFORMATION:

| NAME                  | CITY               | STATE | ZIP CODE | COUNTRY |
|-----------------------|--------------------|-------|----------|---------|
| Kelly; Robert M.      | Cary               | NC    |          |         |
| Khan; Saad A.         | Raleigh            | NC    |          |         |
| Leduc; Pascal         | Raleigh            | NC    |          |         |
| Tayal; Akash          | Raleigh            | NC    |          |         |
| Prud'homme; Robert K. | Princeton Junction | NJ    |          |         |

US-CL-CURRENT: 507/211; 435/209, 507/217, 507/922

| Full  | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments |
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11. Document ID: US 5421412 A

L2: Entry 11 of 11

File: USPT

Jun 6, 1995

US-PAT-NO: 5421412

DOCUMENT-IDENTIFIER: US 5421412 A

TITLE: Methods and compositions for fracturing subterranean formations

DATE-ISSUED: June 6, 1995

## INVENTOR-INFORMATION:

| NAME                  | CITY               | STATE | ZIP CODE | COUNTRY |
|-----------------------|--------------------|-------|----------|---------|
| Kelly; Robert M.      | Cary               | NC    |          |         |
| Khan; Saad A.         | Raleigh            | NC    |          |         |
| Leduc; Pascal         | Raleigh            | NC    |          |         |
| Tayal; Akash          | Raleigh            | NC    |          |         |
| Prud'homme; Robert K. | Princeton Junction | NJ    |          |         |

US-CL-CURRENT: 166/300; 166/308, 507/201, 507/211, 507/921, 507/922

| Full  | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments |
|-------|-------|----------|-------|--------|----------------|------|-----------|-----------|-------------|
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CANCERLIT, CAPLUS, CEABA-VTB, CEN, CIN, CONFSCI, CROPB, CROPU, DDFB,  
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1508 FILE CABA  
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7275 FILE CAPLUS  
224 FILE CEABA-VTB  
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473 FILE DGENE  
73 FILE DRUGB  
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1 FILE DRUGUPDATES  
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2945 FILE EMBASE  
1704 FILE ESBIODBASE  
71 FILE FEDRIP  
1 FILE FOREGE  
466 FILE FROSTI  
843 FILE FSTA  
351 FILE GENBANK  
1 FILE HEALSAFE  
324 FILE IFIPAT  
762 FILE JICST-EPLUS  
12 FILE KOSMET  
1238 FILE LIFESCI  
6015 FILE MEDLINE  
51 FILE NIOSHTIC  
34 FILE NTIS  
17 FILE OCEAN  
640 FILE PASCAL  
1 FILE PHAR  
6 FILE PHIN  
112 FILE PROMT  
1896 FILE SCISEARCH  
1 FILE SYNTHLINE  
2190 FILE TOXCENTER  
11797 FILE USPATFULL  
39 FILE USPAT2  
493 FILE WPIDS  
493 FILE WPINDEX  
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5 FILE NAPRALERT  
187 FILE NLDB



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FILE 'USPATFULL, CAPLUS, BIOSIS, MEDLINE, EMBASE, BIOTECHDS, BIOTECHNO,  
TOXCENTER, SCISEARCH, ESBIODASE, CABA, LIFESCI, FSTA, BIOBUSINESS,  
JICST-EPLUS, PASCAL, CANCERLIT, WPIDS, DGENE, FROSTI, AGRICOLA, GENBANK'  
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frequency  
NEWS 5 Feb 19 Access via Tymnet and SprintNet Eliminated Effective 3/31/02  
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NEWS 7 Mar 22 TOXLIT no longer available  
NEWS 8 Mar 22 TRCTHERMO no longer available  
NEWS 9 Mar 28 US Provisional Priorities searched with P in CA/CAPLUS  
and USPTAFULL  
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CANCERLIT, CAPLUS, CEABA-VTB, CEN, CIN, CONFSCI, CROPB, CROPU, DDFB,  
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2711 FILE BIOTECHDS  
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7275 FILE CAPLUS  
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473 FILE DGENE  
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1704 FILE ESBIODASE  
71 FILE FEDRIP

35 FILES SEARCHED...  
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34 FILE NTIS  
17 FILE OCEAN  
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1 FILE PHAR  
6 FILE PHIN  
112 FILE PROMT  
54 FILES SEARCHED...

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| F3  | 7234  | BIOSIS      |
| F4  | 6015  | MEDLINE     |
| F5  | 2945  | EMBASE      |
| F6  | 2711  | BIOTECHABS  |
| F7  | 2711  | BIOTECHDS   |
| F8  | 2320  | BIOTECHNO   |
| F9  | 2190  | TOXCENTER   |
| F10 | 1896  | SCISEARCH   |
| F11 | 1704  | ESBIOBASE   |
| F12 | 1508  | CABA        |
| F13 | 1238  | LIFESCI     |
| F14 | 843   | FSTA        |
| F15 | 766   | BIOBUSINESS |
| F16 | 762   | JICST-EPLUS |
| F17 | 640   | PASCAL      |
| F18 | 608   | CANCERLIT   |
| F19 | 493   | WPIDS       |
| F20 | 493   | WPINDEX     |
| F21 | 473   | DGENE       |
| F22 | 466   | FROSTI      |
| F23 | 390   | AGRICOLA    |
| F24 | 351   | GENBANK     |
| F25 | 324   | IFIPAT      |
| F26 | 224   | CEABA-VTB   |
| F27 | 187   | NLDB        |
| F28 | 112   | PROMT       |
| F29 | 109   | DRUGU       |
| F30 | 91    | AQUASCI     |
| F31 | 73    | DDFB        |
| F32 | 73    | DRUGB       |
| F33 | 71    | FEDRIP      |
| F34 | 51    | NIOSHTIC    |
| F35 | 43    | DDFU        |
| F36 | 39    | USPAT2      |
| F37 | 38    | CROPU       |
| F38 | 34    | NTIS        |
| F39 | 20    | ANABSTR     |
| F40 | 17    | EMBAL       |
| F41 | 17    | OCEAN       |
| F42 | 15    | BIOCOMMERCE |
| F43 | 12    | KOSMET      |
| F44 | 8     | CIN         |
| F45 | 7     | CONFSCI     |
| F46 | 6     | ADISALERTS  |
| F47 | 6     | PHIN        |
| F48 | 5     | CEN         |
| F49 | 5     | NAPRALERT   |

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| F51 | 3 | ADISNEWS    |
| F52 | 2 | CROPB       |
| F53 | 1 | DRUGUPDATES |
| F54 | 1 | FOREGE      |
| F55 | 1 | HEALSAFE    |
| F56 | 1 | PHAR        |
| F57 | 1 | SYNTHLINE   |
| F58 | 1 | IPA         |

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FILE 'GENBANK' ENTERED AT 13:58:04 ON 11 JUN 2002

=> s galactosidas? and (bacteri? or microorgan? or microb? or thermococ?)  
10 FILES SEARCHED...

20 FILES SEARCHED...  
L2 54625 GALACTOSIDAS? AND (BACTERI? OR MICROORGAN? OR MICROB? OR THERMOC  
OC?)

=> s alph? (s) galactosidas? (s) thermoco?  
16 FILES SEARCHED...  
L3 20 ALPH? (S) GALACTOSIDAS? (S) THERMOCO?

=> dup rem l3  
DUPLICATE IS NOT AVAILABLE IN 'DGENE, GENBANK'.  
ANSWERS FROM THESE FILES WILL BE CONSIDERED UNIQUE  
PROCESSING COMPLETED FOR L3  
L4 20 DUP REM L3 (0 DUPLICATES REMOVED)

=> d ti 1-20

L4 ANSWER 1 OF 20 USPATFULL  
TI Glycosidase enzymes

L4 ANSWER 2 OF 20 CAPLUS COPYRIGHT 2002 ACS  
TI Cloning of the gene for **Thermococcus** alcaliphilus AEDII12RA .  
**alpha.-galactosidase**

L4 ANSWER 3 OF 20 TOXCENTER COPYRIGHT 2002 ACS  
TI Cloning of the gene for **Thermococcus** alcaliphilus AEDII12RA .  
**alpha.-galactosidase**

L4 ANSWER 4 OF 20 USPATFULL  
TI Compositions for fracturing subterranean formations

L4 ANSWER 5 OF 20 USPATFULL  
TI Compositions for fracturing subterranean formations

L4 ANSWER 6 OF 20 USPATFULL  
TI Compositions for fracturing subterranean formations

L4 ANSWER 7 OF 20 BIOTECHDS COPYRIGHT 2002 THOMSON DERWENT AND ISI  
TI Glycosidase enzymes from organisms of the genera e.g. *Thermotoga*,  
*Thermococcus*, etc.;  
recombinant enzyme preparation and use in glucose preparation for the

food, pharmaceutical, surfactant and textile industry

- L4 ANSWER 8 OF 20 CAPLUS COPYRIGHT 2002 ACS  
TI **Thermococcus alcaliphilus** AEDIII2RA .alpha.-  
**galactosidase** gene sequence and enzyme recombinant production
- L4 ANSWER 9 OF 20 USPATFULL  
TI Methods and compositions for fracturing subterranean formations
- L4 ANSWER 10 OF 20 DGENE (C) 2002 THOMSON DERWENT  
TI Glycosidase enzymes from organisms of the genera *Staphlothermus*,  
*Pyrococcus* and *Thermococcus* - for deriving sugar from oligosaccharides,  
useful in the e.g. food processing, textile or baking industries
- L4 ANSWER 11 OF 20 DGENE (C) 2002 THOMSON DERWENT  
TI Glycosidase enzymes from organisms of the genera *Staphlothermus*,  
*Pyrococcus* and *Thermococcus* - for deriving sugar from oligosaccharides,  
useful in the e.g. food processing, textile or baking industries
- L4 ANSWER 12 OF 20 DGENE (C) 2002 THOMSON DERWENT  
TI Glycosidase enzymes from organisms of the genera *Staphlothermus*,  
*Pyrococcus* and *Thermococcus* - for deriving sugar from oligosaccharides,  
useful in the e.g. food processing, textile or baking industries
- L4 ANSWER 13 OF 20 DGENE (C) 2002 THOMSON DERWENT  
TI Nucleic acid encoding alpha-glycosidase from *Thermococcus alcaliphilus* -  
used in food processing to hydrolyse alpha-glycosides, e.g. raffinose
- L4 ANSWER 14 OF 20 DGENE (C) 2002 THOMSON DERWENT  
TI Glycosidase enzymes from organisms of the genera *Staphlothermus*,  
*Pyrococcus* and *Thermococcus* - for deriving sugar from oligosaccharides,  
useful in the e.g. food processing, textile or baking industries
- L4 ANSWER 15 OF 20 DGENE (C) 2002 THOMSON DERWENT  
TI Glycosidase enzymes from organisms of the genera *Staphlothermus*,  
*Pyrococcus* and *Thermococcus* - for deriving sugar from oligosaccharides,  
useful in the e.g. food processing, textile or baking industries
- L4 ANSWER 16 OF 20 DGENE (C) 2002 THOMSON DERWENT  
TI Glycosidase enzymes from organisms of the genera *Staphlothermus*,  
*Pyrococcus* and *Thermococcus* - for deriving sugar from oligosaccharides,  
useful in the e.g. food processing, textile or baking industries
- L4 ANSWER 17 OF 20 DGENE (C) 2002 THOMSON DERWENT  
TI Nucleic acid encoding alpha-glycosidase from *Thermococcus alcaliphilus* -  
used in food processing to hydrolyse alpha-glycosides, e.g. raffinose
- L4 ANSWER 18 OF 20 DGENE (C) 2002 THOMSON DERWENT  
TI Nucleic acid encoding alpha-glycosidase from *Thermococcus alcaliphilus* -  
used in food processing to hydrolyse alpha-glycosides, e.g. raffinose
- L4 ANSWER 19 OF 20 DGENE (C) 2002 THOMSON DERWENT  
TI Nucleic acid encoding alpha-glycosidase from *Thermococcus alcaliphilus* -  
used in food processing to hydrolyse alpha-glycosides, e.g. raffinose
- L4 ANSWER 20 OF 20 FROSTI COPYRIGHT 2002 LFRA  
TI Alpha-galactosidase.

=> d his

(FILE 'HOME' ENTERED AT 13:53:03 ON 11 JUN 2002)

INDEX 'ADISALERTS, ADISINSIGHT, ADISNEWS, AGRICOLA, ANABSTR, AQUASCI,  
BIOBUSINESS, BIOCCommerce, BIOSIS, BIOTECHABS, BIOTECHDS, BIOTECHNO, CABA,

CANCERLIT, CAPLUS, CEABA-VTB, CEN, CIN, CONFSCI, CROPB, CROPU, DDFB,  
DDFU, DGENE, DRUGB, DRUGLAUNCH, DRUGMONOG2, ... ENTERED AT 13:53:35 ON  
11 JUN 2002

SEA GALACTOSIDAS? AND (BACTERI? OR MICROORGAN? OR MICROB? OR TH

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493 FILE WPINDEX  
1 FILE IPA  
5 FILE NAPRALERT  
187 FILE NLDB

QUE GALACTOSIDAS? AND (BACTERI? OR MICROORGAN? OR MICROB? OR TH  
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FILE 'USPATFULL, CAPLUS, BIOSIS, MEDLINE, EMBASE, BIOTECHDS, BIOTECHNO,  
TOXCENTER, SCISEARCH, ESBIODBASE, CABA, LIFESCI, FSTA, BIOBUSINESS,  
JICST-EPLUS, PASCAL, CANCERLIT, WPIDS, DGENE, FROSTI, AGRICOLA, GENBANK'  
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L2  
L3  
L4

54625 S GALACTOSIDAS? AND (BACTERI? OR MICROORGAN? OR MICROB? OR THER  
20 S ALPH? (S) GALACTOSIDAS? (S) THERMOCO?  
20 DUP REM L3 (0 DUPLICATES REMOVED)

=> log h  
COST IN U.S. DOLLARS

| SINCE FILE | TOTAL   |
|------------|---------|
| ENTRY      | SESSION |
| 45.22      | 49.67   |

FULL ESTIMATED COST

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